ATTENDEES: Phil Ardanuy   RDC   982-3714
              Sol Broder   423   286-7088
              Lloyd Carpenter   RDC   982-3708
              Al Fleig   900   286-7747
              Harold Geller   RDC   982-3740
              Liam Gumley   RDC   982-3748
              Daesoo Han   936   286-9414
              Ravi Kumar   STX   286-9515
              Al McKay   RDC   982-3720
              Jim Ormsby   974   286-6811

NEXT MEETING: Date   Time   Building   Room
                    Friday, June 7   10:00am   16   242

TOPICS:

1. MODIS-N AIRBORNE SIMULATOR (MAS): Liam Gumley discussed his
conversation with Yoram Kaufman at GSFC with regard to his requirements
for the MAS. MAS may continue to fly and take data beyond the launch of
EOS-A if the data are of good quality. Yoram thought that some effort
should be directed to designing a flexible MAS processing system at GSFC.

We need to talk with Mike King as soon as he returns about what he wants
and what he needs from the SDST as far as MAS processing is concerned.
Liam will talk to Chris Justice to find out what the MAS requirements are
from the land disciplines.

Liam will also investigate the status of existing WILDFIRE code with
regard to the availability, size, complexity, documentation, and the ease
with which it could be ported to a different environment.

2. MAN-COMPUTER INTERACTIVE DATA ACCESS SYSTEM (MCIDAS): Liam
Gumley spoke to Fritz Hasler and Bob Adler about MCIDAS at GSFC. The
Severe Storms Branch has a WETNET terminal (essentially a PC-MCIDAS
system) which may be made available to the SDST for MAS processing.
Liam also spoke to Bob Fox and J.T. Young at the University of Wisconsin-
Madison and got PC-MCIDAS cost information.

3. MODIS DATA PACKET FORMAT: Al McKay presented information on
MODIS data packet formats from the instrument and interface
specifications and other sources. As a high data rate instrument, MODIS

will have it's own virtual channel; it will not be multiplexed with other instrument data.

4. MODIS LEVEL-1 PROCESSING ASSUMPTIONS AND SCENARIOS OUTLINE: Phil Ardanuy presented the proposed outline of the MODIS Level-1 Processing Assumptions and Scenarios. This document will identify the data inputs, processing functions, outputs, operating scenarios for both normal and special purpose processing, and assumptions made in the system design.

5. ASSUMPTIONS/TRACKING LIST: Several changes and adjustments were made to the updated version of the Assumptions/Tracking List.

ACTION ITEMS:

05/03/91 [Team]: Document plans for Level-1A and Level-1B processing, and indicate what information will be included in each product. Include a list of assumptions, brief rationale, scenarios, and trade-offs. An outline was presented at the meeting. STATUS: Open. Due date 06/07/91

05/03/91 [Lloyd Carpenter]: Prepare a Level-1 processing assumptions, questions and issues list, to be distributed to the Science Team Members and the MCST for comment. An updated version was included in today's presentation. STATUS: Open. Due date 06/07/91. Updated list due to Al Fleig by 06/05/91.

05/31/91 [Liam Gumley]: Talk with Mike King as soon as he returns about what he wants and what he needs from the SDST as far as MAS processing is concerned. STATUS: Open. Due date 06/21/91

05/31/91 [Liam Gumley]: Talk to Chris Justice at GSFC to find out what the MAS requirements are from the land disciplines. STATUS: Open. Due date 06/07/91

05/31/91 [Liam Gumley]: Investigate the status of existing WILDFIRE code with regard to the availability, size, complexity, documentation, and the ease with which it could be ported to a different environment. STATUS: Open. Due date 06/07/91

05/31/91 [Al McKay and Phil Ardanuy]: Examine the effects of MODIS data product granule size on Level-1 processing, reprocessing, archival,

distribution, etc. STATUS: Open. Due Data 06/21/91